

PATENT CLAIMS

1. Telecommunications network comprising SDH/Sonet sub-network constituting a transport network and with SDH/Sonet Add/Drop multiplexers, DVDM multiplexers etc.,
5 where the GMPLS function for a SDH/Sonet sub-network is collected in one single GMPLS software reserver.

2. Network according to claim 1, **characterised in that**, in the external limit of the SDH/Sonet sub-network, units are provided for the collecting of GMPLS reservation
10 packages and that these units communicate with the network outside the SDH/Sonet sub-network on behalf of this SDH/Sonet sub-network

3. Network according to claim 2, **characterised in that** the mentioned units are constituted by MPLS/GMPLS enabler cards.
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4. Network according to claim 1, **characterised in that** the GMPLS software server in relation to the external network makes GMPLS tunnels into the SDH/Sonet sub-network available for this external IP/MPLS network.
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